

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
		S37 and (variable resist\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 17:11
		S37 and bridge and resist\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 16:56
L1	4	(two and single and way and communications and device and transducer).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/19 17:36
L2	9	(single and communications and device and transducer).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/19 17:36
L3	2371	379/406.01-406.16.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/19 17:36
L4	2	L3 and ((ear with canal) ear \$canal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/19 17:36
L5	2371	379/406.01-406.16.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/19 17:36
L6	0	379/420,433.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/19 17:36

L7	0	379/420.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/19 17:36
L8	262	379/420.01-420.04.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/19 17:36
L9	911	381/317,318,71.1-71.4.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/19 17:36
L10	2891	381/150,151,190,380.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/19 17:36
L11	225	381/163.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/19 17:36
L12	8	L11 and ((ear with canal) ear \$canal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/19 17:36
L13	33	("5280524").URPN.	USPAT	OR	OFF	2008/12/19 17:36
L14	29	L13 and ear	USPAT	OR	OFF	2008/12/19 17:36
L15	0	L13 and piezo\$7	USPAT	OR	OFF	2008/12/19 17:36
L16	1446	ear and piezoelectric	USPAT	OR	OFF	2008/12/19 17:36
L17	59	(ear with canal) and (echo with cancel\$7)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/19 17:36
L18	4	("6415034").URPN.	USPAT	OR	OFF	2008/12/19 17:36

L19	579	ear\$phone and piezoelectric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/19 17:36
L20	6	ear\$phone and piezoelectric and echo and (lpf (low with filter)) and gain	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/19 17:36
L21	28	ear\$phone and piezoelectric and bridge	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/19 17:36
L22	8311	ear.ab.	JPO	OR	ON	2008/12/19 17:36
L23	1861	ear\$phone.ab.	JPO	OR	ON	2008/12/19 17:36
L24	31	L23 and transducer	JPO	OR	ON	2008/12/19 17:36
L25	3	ear and transducer and (bone with conduction)	JPO	OR	ON	2008/12/19 17:36
L26	583	ear and transducer and (bone with conduction)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/19 17:36
L27	32	ear and transducer and (bone with conduction) and echo	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/19 17:36
L28	4	L27 and bridge	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/19 17:36
L29	5	(US-6480610-\$ or US-6415034- \$ or US-5579284-\$ or US- 5933506-\$ or US-5202918-\$). did.	USPAT	OR	OFF	2008/12/19 17:36

L30	2	L29 and train\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/19 17:36
L31	0	L29 and (test)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/19 17:36
L32	1	L29 and (train\$4 with signal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/19 17:36
L33	685	adc.ab. and "low pass filter"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/19 17:36
L34	243	adc.ab. and ("low pass filter"). ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/19 17:36
L35	932	transducer.ab. and (bi \$directional two\$way duplex). ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/19 17:36
L36	109	L35 and piezoelectric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/19 17:36
L37	7	L36 and bridge and resistor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/19 17:36
L38	9	L36 and bridge and resist\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/19 17:36

L39	9	L36 and (variable with resist \$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/19 17:36
S1	0	(two and single and way and communications and device and transducer).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 11:53
S2	1	(single and communications and device and transducer).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/10 13:58
S3	1893	379/406.01-406.16.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/10 13:58
S4	1	S3 and ((ear with canal) ear \$canal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/10 14:22
S5	1893	379/406.01-406.16.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/10 14:22
S6	0	379/420,433.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/10 14:22
S7	0	379/420.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/10 14:23
S8	207	379/420.01-420.04.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/10 14:24

S9	585	381/317,318,71.1-71.4.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/10 14:25
S10	2537	381/150,151,190,380.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/10 14:25
S11	219	381/163.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/10 14:26
S12	8	S11 and ((ear with canal) ear \$canal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 12:38
S13	24	("5280524").URPN.	USPAT	OR	OFF	2005/06/10 14:26
S14	20	S13 and ear	USPAT	OR	OFF	2005/06/10 14:27
S15	0	S13 and piezo\$7	USPAT	OR	OFF	2005/06/10 14:28
S16	1106	ear and piezoelectric	USPAT	OR	OFF	2005/06/13 11:52
S17	25	(ear with canal) and (echo with cancel\$7)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 11:53
S18	2	("6415034").URPN.	USPAT	OR	OFF	2005/06/13 12:35
S19	408	ear\$phone and piezoelectric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 12:38
S20	3	ear\$phone and piezoelectric and echo and (lpf (low with filter)) and gain	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 12:41

S21	20	ear\$phone and piezoelectric and bridge	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 12:45
S22	6995	ear.ab.	JPO	OR	ON	2005/06/13 12:45
S23	1514	ear\$phone.ab.	JPO	OR	ON	2005/06/13 12:45
S24	26	S23 and transducer	JPO	OR	ON	2005/06/13 12:47
S25	2	ear and transducer and (bone with conduction)	JPO	OR	ON	2005/06/13 12:47
S26	360	ear and transducer and (bone with conduction)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 13:02
S28	14	ear and transducer and (bone with conduction) and echo	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 12:48
S29	1	S28 and bridge	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 12:48
S30	5	(US-6480610-\$ or US-6415034-\$ or US-5579284-\$ or US-5933506-\$ or US-5202918-\$). did.	USPAT	OR	OFF	2005/06/13 13:02
S31	2	S30 and train\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 16:45
S32	0	S30 and (test)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 13:27

S33	1	S30 and (train\$4 with signal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 13:27
S34	376	adc.ab. and "low pass filter"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 16:45
S35	157	adc.ab. and ("low pass filter"). ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 16:54
S36	807	transducer.ab. and (bi \$directional two\$way duplex). ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 16:54
S37	88	S36 and piezoelectric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 16:54
S38	5	S37 and bridge and resistor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 16:56
S39	6	S37 and bridge and resist\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 17:11
S40	7	S37 and (variable with resist \$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/13 17:11

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